

19971108.ba v01_n765.bam.971108

>From ???@??? Sun Nov 09 11:10:23 1997
Message-Id: <199711081903.NAA21219@sco.theporch.com>
Date: Sat, 8 Nov 1997 13:03:54 CST
Subject: BOATANCHORS digest 1765

BOATANCHORS Digest 1765

Topics covered in this issue include:

- 1) ARRL "Lightning Calculators"
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- 2) Cables & atu needed for Sunair ASB-100
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- 3) HQ-170A question
by w2ec@VNET.IBM.COM
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by Dave Hollander <davidh@getnet.com>
- 5) RME 4300
by hikrbikr@erols.com
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by ARONGV@aol.com
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- 9) ?? origins of term "Walkie Talkie"
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by y4562@groupz.net (Larry Louie)
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by Al Klase <skywaves@bw.webex.net>
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by "Paul Bernhard" <W2TU@classic.msn.com>
- 13) Re: TV-7D/U Meter Readings to Micromhos
by Tom Norris <badger@telalink.net>
- 14) Gonset G-50 receiver is noisy, what can I do?
by Allen Tucholski <allent@en.com>
- 15) HG-10
by Ronnie Hull <w5sum@ms1.nwla.com>
- 16) Re: Megger
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- 17) fast cash for Lightning Calculator
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by Terry Muncey <Terry@electrosys.com>
- 19) Re: Megger

- by Mike Maloney <ac5p@ionet.net>
- 20) Heath CT-...
by Ken Gordon <keng@uidaho.edu>
- 21) 6K6, 6L6,6F6 Subs
by "Grumps Guide Press" <rau@wco.com>
- 22) Re: 6K6, 6L6,6F6 Subs
by Al Klase <skywaves@bw.webex.net>
- 23) Re: 211 needed
by rlahlum@juno.com (Ross J Lahlum)
- 24) Re: Comet Pro-gress (so to speak...)
by marty@aa4rm.radio.org (Marty R's latest)
- 25) 51J hum - final fix
by marty@aa4rm.radio.org (Marty R's latest)
- 26) Microsloth ARRL "Lightning Calc?"
by marty@aa4rm.radio.org (Marty R's latest)
- 27) Trade SX-73 For Collins 75A3
by w8xq@juno.com (JEFF D WILDER)
- 28) Hickock 1600B VTVM?
by dlwade@pacbell.net
- 29) SX-96 Needed items
by Bob Login <jlogin@gville.mindspring.com>

Date: Sat, 8 Nov 1997 03:24:57 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: boatanchors@theporch.com, glowbugs@www.atl.org
Subject: ARRL "Lightning Calculators"
Message-ID: <19971108032455.AAA28956@LOCALNAME>

Fellow Glowbuggers & Boatanchorites,

Has anyone approached the ARRL or another publisher about reproducing the ARRL "type A" Lightning Calculator?

This is the one that allows you to figure how many turns of what guage wire is needed at "X" turns-per-inch, to yield an inductor of "X" microhenries.

It also allows you to see what range a given inductor and variable capacitor will tune. The range is from 400 Khz to 150 Mhz, 1 uH to 1500 uH, and 2 to 150 turns-per-inch. Indications are given for various wire guages from 2 to 36 guage, enamelled, single cotton and silk covered and double cotton and silk covered wire.

Coil dimensions range from 1/2" to 5-1/2" in diameter and from 1/4" to 10" in length. If you are into winding coils, it takes a lot of calculation and guess work out of coil winding! Yes, I know there is probably a computer program that does this, but you can't slip the computer inside a book or

take it to the "great white throne" to continue a design session!

I still have one in pretty good shape, but a brand-new one or two would be mighty nice! For those of you who haven't seen it, look in the ARRL "ads" section of most of the 1960's Handbooks and earlier editions. It is a circular slide rule type device that is very easy to use, and extremely useful!

Comments anyone?

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

860 Hartley 'ECO' under construction**

*** Looking for a TRC-10 transceiver *****

*** looking for an RAL receiver *****

Date: Sat, 8 Nov 1997 14:17:43 +1100

From: "Steve Hill" <SHILL@onaustralia.com.au>

To: <boatanchors@sco.theporch.com>, <milcomm@qth.net>

Subject: Cables & atu needed for Sunair ASB-100

Message-ID: <04221450070194@onaustralia.com.au>

Gang,

I need two sets of cables for a Sunair ASB-1000. Also want the ATU that goes with this rig.

Aparently it was used in an Iriqios chopper.

Tips for how to get this rig on the air would be appreciated.

Cheers

Steve Hill VK4CZT
<SHILL@onaustralia.com.au>
39 Banbury St.
Carina. 4152.
Brisbane. Australia.

Date: Fri, 7 Nov 97 23:39:43 EST

From: w2ec@VNET.IBM.COM

To: boatanchors@sco.theporch.com
Subject: HQ-170A question
Message-ID: <199711080439.WAA02064@sco.theporch.com>

I just received an HQ-170A today and am very pleased with it. From just a little playing around in the last half hour it's great. There is only one area that I need some help on and that is the 160 meter band. All other bands seem to be working super, but when I switch to 160, I'm getting a great deal of foreign broadcast and absolutely no 160 meter ham stuff. I haven't tried to find out what frequencies the foreign broadcast is really on yet, gotta stay upstairs for a while to appease the wife who says I spend too much time down in the shack, but I just had to fire it up to hear what it sounds like anyway. Scanning from 1.8 to 2.0 sounds more like listening to 40 SWBC stuff near forty meters. Before I start my own analysis, any ideas experience with this type problem? I expect it has to do with the triple conversion being selected on 160 when I think it should be double on 160 and 80. 80 meters is working super.

Any suggestions?

73, Ray W2EC

Date: Sat, 8 Nov 97 05:27:57 +0200
From: Dave Hollander <davidh@getnet.com>
To: <BOATANCHORS@LISTSERV.TEMPE.GOV>,
"Boatanchors" <boatanchors@sco.theporch.com>
Subject: Thanks for responses
Message-ID: <199711080527.WAA02112@getnet.com>

To all who responded to my request for schematics for the Howard 436, the SX-9, SX-11 and SX-25 schematics, thank you very much. Got what I needed..

By the way, fired up the Howard 436-A and it works great on AM, however the BFO is broken!

Oh well,

73 and tnx,

Dave Hollander N7RK

Dave N7RK - Webmaster CADXA
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK

davidh@getnet.com \\-//
 (o!o)
http://www.getnet.com/~davidh

-----oo00-()-00oo-----

E-Mail Address

My Home Page

Visit the Central Arizona DX Association Home page --- <http://cadxa.org>

Date: Fri, 07 Nov 1997 22:47:37 +0000
From: hikrbikr@erols.com
To: Boatanchors <boatanchors@theporch.com>
Subject: RME 4300
Message-ID: <34639A89.214B@erols.com>

Ahoy! Kevin Pease, WB0JZG, wrote here recently about repackaging an SX-100 that has been a parts donor. I have a faintly similar situation here. Last weekend, I noticed a forlorn looking BA marked "Homebrew \$20" at EEB here in Vienna. It looked like an RME 4350, but the dial, S-meter, and inset panel had been replaced by a giant Eddystone slide rule dial (pointer and glass missing), el cheapo Lafayette plastic S-meter, and unpainted aluminum inset panel. The shaft extensions for the xtal filter controls projected from the left side of the inset panel, but on lifting the lid, I could see the shafts were not connected to anything and don't even line up to the xtal filter controls. The original knobs were all there, including those for the xtal filter controls which were on the xtal filter shafts inside. Chassis very dirty, some rust on the top of the cabinet, otherwise intact. No manual, of course.

I've never had or even used an RME, and almost never see them at hamfests or anywhere else. I told myself that this one was probably going to end up donating its nice cabinet and maybe the dial to some project and going out for the trash. After mulling a few days, I went back and picked it up. At home I opened it up and found the dial pointer on the chassis. After counting the tubes (only 8) and studying Moore's and Ostermann's books, I decided that it was a 4300 (single

conversion) instead of the 4350 (dual conversion). But the mode switch has four positions (CW - AGC - SSB AGC - SSB MGC) instead of three, as the 4300 is pictured in both books. Can anyone comment on the 4300 having this kind of mode switch?

After inspection showed no obvious problems and the fuse proved to be intact, I connected power, antenna and speaker, then turned it on. To my delight, it worked very well in most respects on all bands. The S-meter pegs on the left in both CW and AGC positions, and the receiver doesn't operate on the SSB positions. Are these positions for an external SSB detector (via jacks on rear) and if so, would anyone be willing to send me a copy of its schematic?

I can imagine that this receiver had its beautiful dial and tiny S-meter crunched, so the owner went to some expense and trouble to fit it with a first class replacement dial. Owing to the width of that Eddystone dial, however, there is no room for the xtal filter control shaft extensions to go straight out through the front panel inset. To make room for them, it looks like I'll have to move the crystal filter to the left, which will require the 2nd IF to move back to the rear of the chassis. Modular construction of the receiver should make this surgery far less drastic than what Kevin is likely to face in rebuilding his SX-100. I ordered the manual from The Manual Man, but if anyone has any recommended mods, tips, or additional documentation on this receiver, please advise.

BTW, as of Weds, there was an equally forlorn NC-173 waiting at EEB for its next owner. Price is marked at \$50, but its power xfmr is shorted and inside, it has a number of obvious ham mods.

TNX ES 73,
Mike Steussy, AE4R
Vienna VA
hikrbikr@erols.com

Date: Sat, 8 Nov 1997 00:48:00 -0500
From: John Ward <ww1aero@ix.netcom.com>
To: boatanchors@theporch.com
Subject: Re: HQ-170A question
Message-ID: <v03007802b089abbd09d3@[209.130.132.172]>

>I just received an HQ-170A today and am very pleased with it. From just
>a little playing around in the last half hour it's great. There is only
>one area that I need some help on and that is the 160 meter band. All

>other bands seem to be working super, but when I switch to 160, I'm getting
>a great deal of foreign broadcast and absolutely no 160 meter ham stuff.
<snip>
> Before I start my own analysis, any ideas
>experience with this type problem? I expect it has to do with the triple
>conversion being selected on 160 when I think it should be double on
>160 and 80. 80 meters is working super.
>
>Any suggestions?
>
>73, Ray W2EC

I had a few funny problems with my 170, but not this one! I doubt it's
trying to triple convert (but I'll never say never).

I'm shooting from the hip here: I would look at the first RF, specifically
the antenna coil for 160 or related switch contacts. If this coil isn't
resonating properly, image signals could easily creep in and play havoc.
Mind you, I'm guessing, but it's where I'd look first.

Hope this helps,

John, KE2ST

Date: Sat, 8 Nov 1997 03:06:22 -0500 (EST)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: WTB, No Kidding
Message-ID: <971108030621_968798459@mrin43.mail.aol.com>

Hi Gang:

Now that I've cleared out enough equipment so I can once more walk through my
shack area, I'm actually looking for a real bona fide boatanchor. Yes, it's
true. I do have an ideal lineup I plan to take into retirement at the end of
next year.

Can anyone help me locate a reasonably priced, working National NC-2-40D?

In the spirit of downsizing, I'm now powering up the old Conar 400 and 500
twins. Not a lot of power out, but power has never been my game anyway. And,
I can pack them up and take them on the road with me!!

One more Valiant to go and I'll again be able to actually pick up anything in

my shack without help!! It's embarrassing when I have to ask my daughter to come over and help me move a rig. And, no, I won't ship the Valiant, which is in real nice shape. The last one took me a week to pack.

73s & Happy Hunting

Ron (Don't forget, the 11th is Veterans Day!)

Date: Sat, 8 Nov 1997 06:41:14 -0500 (EST)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: boatanchors@theporch.com
Subject: Megger
Message-ID: <Pine.GS0.3.96L.971108062906.7747I-100000@unixs2.cis.pitt.edu>

I would like to purchase a megohmmeter.

In one of my Collins 30S-1's, the high voltage is arcing to ground. I suspect the filter choke but have no way of testing the insulation. Is there an alternative way of determining where the filter section is shorting. The plate transformer is fine isolated from the rectifiers. The rectifiers have been replaced. The lead to the final amplifier has been disconnected.

Upon bring up the high voltage, the fuses blow. Severe arcing occurs at the primary voltage relay - without looking, I believe it is K301.

Perhaps, someone can suggest how to test for insulation. I have never seen any construction articles on how to homebrew a megger. Seems it should not be that difficult.

Thank you.

Dave, W3BJZ

Date: Sat, 8 Nov 1997 07:48:02 -0500 (EST)
From: Ho4bart@aol.com
To: boatanchors@sco.theporch.com
Subject: ?? origins of term "Walkie Talkie"
Message-ID: <971108074802_1895346111@mrin43.mail.aol.com>

anyone know how this name originated?
i don't recall seeing it with the 5-meter equipment articles of the

1930s. the first films with sound were called "talkies" isn't that right, but that might not have a thing to do with this.
hue miller

Date: Sat, 8 Nov 1997 07:42:20 -0500
From: y4562@groupz.net (Larry Louie)
To: boatanchors@sco.theporch.com
Subject: TV-7D/U Meter Readings to Micromhos
Message-ID: <199711081253.GAA12369@sco.theporch.com>

Was curious about what information was provided in the operating manual about conversion of the meter readings into micromhos. My Field maintenance manual TM 11-6625-274-35 refers to paragraph 20, TM 11-6625-274-12 to either formulas or tables used. Anyone with the manual can tell me what it says about the conversion? Just curious.

Thanks in advance.
Larry Louie

Date: Sat, 08 Nov 1997 08:30:50 -0500
From: Al Klase <skywaves@bw.webex.net>
To: Ho4bart@aol.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ?? origins of term "Walkie Talkie"
Message-ID: <34646989.68034AB9@bw.webex.net>

hue and the Group,

I have the distinct impression this term came from the Signal Corps in the 1930's. Fred Chesson's SCR-RC-BC Directory in the AWA Review, Vol. 6 describes the SCR-194/BC-222 as the "first walkie-talkie". This was a back-pack TX-RX covering 27-65 MC.

73,
Al

Ho4bart@aol.com wrote:

> anyone know how this name originated?
> i don't recall seeing it with the 5-meter equipment articles of the
> 1930s. the first films with sound were called "talkies" isn't that
> right, but that might not have a thing to do with this.

> hue miller

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822

Date: Sat, 8 Nov 97 13:42:35 UT
From: "Paul Bernhard" <W2TU@classic.msn.com>
To: boatanchors@theporch.com
Subject: Grumps Guide & the GFCI
Message-ID: <UPMAIL18.199711081343320583@classic.msn.com>

While I agree with Larry on the protection offered by the GF"C"I His disagreement isn't with the IBEW (my union, Local41) but with the NEC, The National Electrical Code. Article 210-52 (b) (2) States that the two required 20 amp appliance outlets shall have no other outlets. (2 exceptions provide for a clock outlet (which no one uses plug in clocks anymore) and outlets feeding certain appliances in the kitchen). Any other lights, etc. connected to the appliance outlets would be in violation. While the NEC is not a legal document it is included in most local building codes, OSHA regs, etc.

While GFCI outlets are now very reasonably priced' when this requirement was first initiated several editions of the Code ago, They were more expensive and the panel mounted breaker was used instead in many residential installations because of cost. Hope this helps! GFCI's are excellent and cost effective protection when used correctly.

Paul Bernhard Sr.
w2tu@msn.com

Date: Sat, 08 Nov 1997 08:32:20 -0600
From: Tom Norris <badger@telalink.net>
To: y4562@groupz.net
Cc: boatanchors@theporch.com
Subject: Re: TV-7D/U Meter Readings to Micromhos
Message-ID: <3.0.3.32.19971108083220.0091e520@telalink.net>

At 07:42 AM 11/8/97 -0500, Larry wrote:

>Was curious about what information was provided in the operating manual
>about conversion of the meter readings into micromhos. My Field maintenance
>>manual TM 11-6625-274-35 refers to paragraph 20, TM 11-6625-274-12 to either
>formulas or tables used. Anyone with the manual can tell me what it says
>about the conversion? Just curious.

Here is what the manual says --

The first column is meter reading, the next four are B,C,and D and E
Ranges, with the reading in
micromhos.

Meter	B	C	D	E
10	250	500	1.25k	2.5k
20	500	1k	2.5k	5k
30	750	1.5k	3.75k	7.5k
40	1k	2k	5k	10k
50	1.25k	2.5k	6.25k	12.5k
60	1.5k	3k	7.5k	15k
70	1.75k	3.5k	8.75k	17.5k
80	2k	4k	10k	20k
90	2.25k	4.5k	11.25k	22.5k
100	2.5k	5k	12.5k	25k
110	2.75k	5.5k	13.75k	27.5k
120	3k	6k	15k	30k

The chart gives a notation that the E range reading is
the same as the F range reading in the TV-7-D/U, though
I had thought that was a higher reading range... dunno,
since I dont have a '-D....

73

Tom

Hmmm, maybe I can talk Jose, EB5AGV into posting this chart
onto his TV-7 info page, if he hasnt already.....

Date: Sat, 08 Nov 1997 09:40:25 -0500
From: Allen Tucholski <allent@en.com>
To: boatanchors@theporch.com
Subject: Gonset G-50 receiver is noisy, what can I do?
Message-ID: <2.2.32.19971108144025.00c21fb4@en.com>

Hello all,

I have a Gonset G-50 6 meter AM (50 Mhz) transceiver that works well, but seems to have lots of receiver noise even without an antenna connected. What my goal would be is to quiet down the receiver, but still have the sensitivity and selectivity.

With the antenna disconnected I have lots of "pink noise" just from the receiver.

Gonset lists these specifications:

Signal-plus-noise to noise ratio: 6 db. with 2uv. input

Image ratio: better than 200 x (46 db down)

Overall selectivity 6 db down at 16 khz.

I would think the receiver passband is 16 KHz.

I would like to narrow this down this to 6 Khz.

Should I install a 6 khz ceramic maybe? Where would I install it?

Can anyone suggest what can be done?

Other wise the receiver is in alignment and works well.

Here is the tube lineup

6BZ6 Rf amplifier

6U8 1st mixer/osc

6BE6 455Kc IF

(mine is 455Khz)

6BH6 455KcIF

(mine is 455Khz)

6AV6

6A15

I am using a (6EA8)

There were two models one model used a 2.3 Mhz IF

There were two models One model used a 2.3 Mhz IF

Receiver second detector, rec AVC, 1st audio amp

Noise limiter, Squelch limiter

IF transformers

T4-T5 2.3Mhz

T6-T7 455Khz

T8- 455Khz

Allen

Date: Sat, 08 Nov 1997 08:18:14 -0600

From: Ronnie Hull <w5sum@ms1.nw1a.com>

To: boatanchors@theporch.com
Cc: heath@qth.net
Subject: HG-10
Message-ID: <3.0.1.32.19971108081814.006a3b6c@ms1.nwla.com>

well, another project. I have a Heath HG10 I want to use with my Drake 2NT. I need the cable pinouts for the HG10 cable, so I can attach it to a power supply I have here that will provide the voltages it requires to operate.

Can someone give these to me? I would sure appreciate it.

thanks

Ronnie

W5SUM
Ronnie Hull
ex: WN5AIA - WB5AIA
TEN-TEN #2019

Date: Sat, 08 Nov 1997 15:01:37 GMT
From: gwoods@albany.net (Gary Woods)
To: boatanchors@theporch.com
Subject: Re: Megger
Message-ID: <34647e45.221029930@mail.albany.net>

On Sat, 8 Nov 1997 06:41:14 -0500 (EST), you wrote:

>
>I would like to purchase a megohmmeter.
>
>In one of my Collins 30S-1's, the high voltage is arcing to ground.
>I suspect the filter choke but have no way of testing the insulation.
>Is there an alternative way of determining where the filter section is
>shorting. The plate transformer is fine isolated from the rectifiers.
>The rectifiers have been replaced.

I remember an old trick (From QST, I think): Wire a few small pilot lamps in series with the H.V. at various places, and see which ones blow. In the article, this led to a broken-down feed-through insulator... the arc path was very evident when it was taken apart.

Good luck!

--

Gary Woods O- K2AHC Public key at www.albany.net/~gwoods, or get 0x1D64A93D via
keyserver

gwoods@albany.net gwoods@wr gb.com

fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

Date: Sat, 8 Nov 1997 10:10:32 -0500 (EST)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: fast cash for Lightning Calculator
Message-ID: <971108101031_1995975885@mrin41.mail.aol.com>

I had one of these handy little slide rule devices and stored unwisely.

I would cheerfully pay \$10 for another

ARRL would be well advised as to me, but since the ARRL Electronics Data book
flooded, maybe there are not enough homebrewers/restorers to support the
venture.

de ab5l, michael in dallas, student of International Crystal (ICM) and
Tecraft ham products and mementoes of Six Meters' golden Age: 1957-58
 MNHopkins@AOL.com

Date: Sat, 8 Nov 1997 09:30:43 -0600
From: Terry Muncey <Terry@electrosys.com>
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Subject: NOT A BOAT ANCHOR
Message-ID:
<c=US%a=_ecs%p=ElectroSys%l=WEBMASTER-971108153043Z-581@webmaster.eletrosys.com>

Although this request is not about a boatanchor radio or transmitter it
is
about needing a 6V - 12V filtered bench powersupply to help repair old
boatanchors. If anyone has one that they would give up that is not in
use,
please drop me an email with how little you might want for it !!

Terry Muncey - WB5OAS "Old And Senile"
Toll Free (when there) 888-EC-IMAGE

Actively digitizing the history of radio
#####

Date: Sat, 8 Nov 1997 09:37:54 -0600 (CST)
From: Mike Maloney <ac5p@ionet.net>
To: slkst29+@pitt.edu
Cc: boatanchors@theporch.com
Subject: Re: Megger
Message-ID: <199711081537.JAA03940@mail.ionet.net>

>
>Upon bring up the high voltage, the fuses blow. Severe arcing occurs at
>the primary voltage relay - without looking, I believe it is K301.
>
>Perhaps, someone can suggest how to test for insulation.

You could put a high value series current limiting resistor in the HV leg,
then bring the power transformer up slowly with a Variac, watching and
listening for the breakover point. The bad place should start to fuzz
under controlled conditions so you can pin it down. This is basically what
the HiPot testers do...better test than a megger.
Good luck and be careful,

Mike

Date: Sat, 8 Nov 1997 08:35:02 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
To: boatanchors@sco.theporch.com
Subject: Heath CT-....
Message-ID: <Pine.BSF.3.95.971108083114.28339A-100000@piobaire.mines.uidaho.edu>

Quite a while ago, I posted a note here asking about a Heath capacitor
checker. Some kind person called me on the telephone and sent me one on
approval.

I took it out to work to look it over, and it promptly disappeared, both
from view, and my sieve-like memory. I found it yesterday, but now I
cannot figure out to whom I owe the money.

Does anyone here remember this event?

Please post your address to me so I can discharge this debt.

I can only plead mental overload and latent stupidity.

Ken W7EKB

Date: Sat, 8 Nov 1997 08:12:32 -0800
From: "Grumps Guide Press" <rau@wco.com>
To: <badger@telalink.net>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: 6K6, 6L6,6F6 Subs
Message-ID: <199711081612.IAA04310@shell.wco.com>

Tom.. all these are very common tubes...the 6k6 is cheap and the 6F6 ;and 6L6 are cheap enough that it makes no sense to try substituting...you will not improve the audio by subbing the 6F6 or 6L6.. nor the IF by subbing the 6K6... is this a case of extreme poverty or what?... if so...i have some Lo emission tubes which will last for a couple of more years.,... and AES Used tubes are worth considering if no one will help you out from thier collection of used tubes.

I I would expect you to be able to buy the 6K6's for \$1 eash at a radio flea market.. and if you get lucky maybe can get some 6l6's for a few bucks each.. the guitar amp guys want them (badly) and the 6f6s are sought after by antique radio restorers.. but still...

Larry W6WUH

Date: Sat, 08 Nov 1997 11:29:14 -0500
From: Al Klase <skywaves@bw.webex.net>
To: rau@wco.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 6K6, 6L6,6F6 Subs
Message-ID: <3464935A.7AB7D971@bw.webex.net>

-----FE0B730FA68DAE2DF6C082B7
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Grumps Guide Press wrote:

> Tom.. all these are very common tubes...the 6k6 is cheap and the 6F6 ;and
> 6L6 are cheap enough that it makes no sense to try substituting..

RIGHT ON!

>Sincerely, Paul Bernhart
>

Date: Sat, 8 Nov 1997 11:45:06 -0500
From: marty@aa4rm.radio.org (Marty R's latest)
To: ab@vuse.vanderbilt.edu
Cc: Boatanchors@theporch.com
Subject: Re: Comet Pro-gress (so to speak...)
Message-ID: <199711081645.LAA06437@aa4rm>

Dear Allan

First, let me apologize for making an APB outa this but it has
ideas I'd like to share/debate(?)

Say DO save the original bypasses - a purist might like to drill our
these and insert new units inside....

and cathode / screen bypasses almost never need replacement anyhoo since
they work against such low impedance ckt.s

And the leakage resistance reduces over time back in svc. since the heat
drives out moisture.

Now my answer to the 'seriesed .1 mfd.s = .05 mfd' question. Er, my
guess. In those 58 IFs I'd bet there's a screen-grid/control-grid/cathode
"Tri-tet" oscillator possibliity that the screen (effective tri-tet
plate) scotches. Then the cathode bypass simply stops negative feedback
& keeps stage gain up.

Hmmmm, nevah thotta that (fm my "Bommerang won't come back," 1960 Aussie)

Marty

Date: Sat, 8 Nov 1997 11:46:17 -0500
From: marty@aa4rm.radio.org (Marty R's latest)
To: boatanchors@theporch.com
Subject: 51J hum - final fix
Message-ID: <199711081646.LAA06444@aa4rm>

OK, OK I listened to my 51J with a speaker attached & THERE'S HUM IN
STANDBY. IE, w/o the benefit of B+

In tech terms, it's 80db down (~ .1mv across 600 ohms) But the human ear's funny & sure can hear it if it's pointed out.

My guess fix" to move the output xfmr (T107*) off-chassis & away from the power-xfmr (T108*) is right-on.

Or if you're lucky & have an end-of-prod'n J4, just take 'diode load' output & run it into your favorite bench amp.

Marty

* included for those of the precision persuasion

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| Hey this off-chassis xfmr is easy! Put a 7 pin plug in the
| 6AQ5 socket & run an outboard 6AQ5 / output xfmr that picks
| up B+ fm the screen terminal.
|
| Cud there be a cottage industry here? like the Kleremonos
| toungue-in-cheek 6360 p-p audio re-do for the R390(A)?
|
| How 'bout parallel 6S4s out there for single-ended 'soundstage'
| (with, of course, B+ & filament boost from a 2nd off-chassis
| 'module'
|
| And using ancient TV tube 'retread designs' solves another
| problem that was a thread here - what to do with 'em
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Date: Sat, 8 Nov 1997 11:47:03 -0500
From: marty@aa4rm.radio.org (Marty R's latest)
To: ebjr@worldnet.att.net
Cc: boatanchors@theporch.com
Subject: Microsloth ARRL "Lightning Calc?"
Message-ID: <199711081647.LAA06448@aa4rm>

There's gotta be high-touch GUI-blessed s/w out there for a Win 98 Pentium-II laptop that can do the same thing.

Perhaps as big companies do, we've gotta begin a BA-corporate search for the offering. Heaven forbid writing it because anyone in purchasing or human resources can tell you (Dogbert) that it's been done before.

Anon

Date: Sat, 08 Nov 1997 12:35:49 EST
From: w8xq@juno.com (JEFF D WILDER)
To: COLLINS@LISTSERV.TEMPE.GOV, boatanchors@theporch.com
Subject: Trade SX-73 For Collins 75A3
Message-ID: <19971108.133650.5255.0.W8XQ@juno.com>

Hello People,
I still have a Hallicrafters SX-73 I think I would trade for a nice
collins 75A3.
Please reply if interested. Thankyou

" Forever AM "
Jeff D Wilder (W8XQ)
Email : w8xq@juno.com
Phone: (616) 381-4133

Date: Sat, 8 Nov 1997 09:58:51 +0000
From: dlwade@pacbell.net
To: boatanchors@sco.theporch.com, baswaplist@foothill.net
Subject: Hickock 1600B VTVM?
Message-ID: <199711081758.JAA29372@mail-gw.pacbell.net>

Greetings,

I have a lead to purchase the above item. I need some information on the
unit, e.g a summary of specs, frequency response and whatever
impressions you may have of the meter.

Thanks

73, Dennis
Dennis L. Wade
KG6ZI WPE6HAE
Sacramento, CA
Repy to: dlwade@pacbell.net

Date: Sat, 08 Nov 1997 13:45:56 -0500
From: Bob Login <jlogin@gville.mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-96 Needed items

Message-ID: <199711081900.0AA02133@camel14.mindspring.com>

Hi Fellow BA's--Trying to restore need function and a tuning knobs. Also
need manual
copy would be great. If you hve any of these items let me know and how much
or I might
have what u need--gud selection of manual copies and tubes--73's Bob AA8A

End of BOATANCHORS Digest 1765
